

# Manik Lal Saha

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Photophysical Properties of Organoplatinum(II) Compounds and Derived Self-Assembled Metallacycles and Metallacages: Fluorescence and its Applications. <i>Accounts of Chemical Research</i> , 2016, 49, 2527-2539.	15.6	334
2	Multicomponent Platinum(II) Cages with Tunable Emission and Amino Acid Sensing. <i>Journal of the American Chemical Society</i> , 2017, 139, 5067-5074.	13.7	301
3	Hierarchical Assemblies of Supramolecular Coordination Complexes. <i>Accounts of Chemical Research</i> , 2018, 51, 2047-2063.	15.6	265
4	A Suite of Tetraphenylethylene-Based Discrete Organoplatinum(II) Metallacycles: Controllable Structure and Stoichiometry, Aggregation-Induced Emission, and Nitroaromatics Sensing. <i>Journal of the American Chemical Society</i> , 2015, 137, 15276-15286.	13.7	260
5	Light-Emitting Superstructures with Anion Effect: Coordination-Driven Self-Assembly of Pure Tetraphenylethylene Metallacycles and Metallacages. <i>Journal of the American Chemical Society</i> , 2016, 138, 4580-4588.	13.7	211
6	Degree of molecular self-sorting in multicomponent systems. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 4651.	2.8	204
7	Antitumor Activity of a Unique Polymer That Incorporates a Fluorescent Self-Assembled Metallacycle. <i>Journal of the American Chemical Society</i> , 2017, 139, 15940-15949.	13.7	203
8	A discrete organoplatinum(II) metallacage as a multimodality theranostic platform for cancer photochemotherapy. <i>Nature Communications</i> , 2018, 9, 4335.	12.8	197
9	Orthogonality in discrete self-assembly – survey of current concepts. <i>Chemical Society Reviews</i> , 2013, 42, 6860.	38.1	195
10	Metallacycle-cored supramolecular assemblies with tunable fluorescence including white-light emission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3044-3049.	7.1	170
11	Engineering Functionalization in a Supramolecular Polymer: Hierarchical Self-Organization of Triply Orthogonal Non-covalent Interactions on a Supramolecular Coordination Complex Platform. <i>Journal of the American Chemical Society</i> , 2016, 138, 806-809.	13.7	134
12	Dynamic heteroleptic metal-phenanthroline complexes: from structure to function. <i>Dalton Transactions</i> , 2014, 43, 3815-3834.	3.3	117
13	Fluorescent metallacycle-cored polymers via covalent linkage and their use as contrast agents for cell imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11100-11105.	7.1	112
14	Host-guest complexation-mediated codelivery of anticancer drug and photosensitizer for cancer photochemotherapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6618-6623.	7.1	111
15	Temperature-Responsive Fluorescent Organoplatinum(II) Metallacycles. <i>Journal of the American Chemical Society</i> , 2018, 140, 7723-7729.	13.7	104
16	Endo- and Exo-Functionalized Tetraphenylethylene M <sub>12</sub> L <sub>24</sub> Nanospheres: Fluorescence Emission inside a Confined Space. <i>Journal of the American Chemical Society</i> , 2019, 141, 9673-9679.	13.7	103
17	From 3-Fold Complete Self-Sorting of a Nine-Component Library to a Seven-Component Scalene Quadrilateral. <i>Journal of the American Chemical Society</i> , 2013, 135, 17743-17746.	13.7	95
18	Hierarchical Self-Assembly of Responsive Organoplatinum(II) Metallacycle-TMV Complexes with Turn-On Fluorescence. <i>Journal of the American Chemical Society</i> , 2016, 138, 12033-12036.	13.7	91

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19	Alanine-Based Chiral Metallogels via Supramolecular Coordination Complex Platforms: Metallogelation Induced Chirality Transfer. <i>Journal of the American Chemical Society</i> , 2018, 140, 3257-3263.	13.7	91
20	Orthogonal self-assembly of an organoplatinum(II) metallacycle and cucurbit[8]uril that delivers curcumin to cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8087-8092.	7.1	88
21	Immobilizing Tetraphenylethylene into Fused Metallacycles: Shape Effects on Fluorescence Emission. <i>Journal of the American Chemical Society</i> , 2016, 138, 13131-13134.	13.7	80
22	Designed Conformation and Fluorescence Properties of Self-Assembled Phenazine-Cored Platinum(II) Metallacycles. <i>Journal of the American Chemical Society</i> , 2019, 141, 5535-5543.	13.7	73
23	Metallacycle-Cored Supramolecular Polymers: Fluorescence Tuning by Variation of Substituents. <i>Journal of the American Chemical Society</i> , 2018, 140, 16920-16924.	13.7	66
24	Self-Assembly of Metallacages into Multidimensional Suprastructures with Tunable Emissions. <i>Journal of the American Chemical Society</i> , 2018, 140, 12819-12828.	13.7	63
25	Coordination-Assisted Reversible Photoswitching of Spiropyran-Based Platinum Macrocycles. <i>Inorganic Chemistry</i> , 2020, 59, 2083-2091.	4.0	53
26	Spontaneous and catalytic fusion of supramolecules. <i>Chemical Communications</i> , 2012, 48, 9459.	4.1	51
27	Fe <sup>II</sup> -Pt Twisted Heterometallic Bicyclic Supramolecules via Multicomponent Self-Assembly. <i>Journal of the American Chemical Society</i> , 2017, 139, 2553-2556.	13.7	51
28	A six-component metallosupramolecular pentagon via self-sorting. <i>Chemical Communications</i> , 2014, 50, 12189-12192.	4.1	41
29	A seven-component metallosupramolecular quadrilateral with four different orthogonal complexation vertices. <i>Chemical Communications</i> , 2015, 51, 15514-15517.	4.1	36
30	Metal-Ligand Exchange in a Cyclic Array: The Stepwise Advancement of Supramolecular Complexity. <i>Inorganic Chemistry</i> , 2016, 55, 12366-12375.	4.0	29
31	Photoreversible [2] Catenane via the Host-Guest Interactions between a Palladium Metallacycle and $\beta$ -Cyclodextrin. <i>Inorganic Chemistry</i> , 2015, 54, 11807-11812.	4.0	26
32	Platinum(II)-Based Convex Trigonal-Prismatic Cages via Coordination-Driven Self-Assembly and C <sub>60</sub> Encapsulation. <i>Inorganic Chemistry</i> , 2017, 56, 12498-12504.	4.0	26
33	Merging strong and weak coordination motifs in the integrative self-sorting of a 5-component trapezoid and scalene triangle. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 5592.	2.8	24
34	Ruthenium-Cobalt Bimetallic Supramolecular Cages via a Less Symmetric Tetrapyrrolyl Metalloligand and the Effect of Spacer Units. <i>Journal of the American Chemical Society</i> , 2015, 137, 13018-13023.	13.7	24
35	Five-component trigonal nanoprism with six dynamic corners. <i>Chemical Communications</i> , 2017, 53, 8034-8037.	4.1	21
36	A phenanthroline-terpyridine hybrid as a chameleon-type ligand in a reversible metallosupramolecular rearrangement. <i>Dalton Transactions</i> , 2013, 42, 12840.	3.3	19

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37	Fully reversible three-state interconversion of metallocsupramolecular architectures. <i>Chemical Communications</i> , 2016, 52, 8749-8752.	4.1	17
38	Topological Characterization of Coordination-Driven Self-assembly Complexes: Applications of Ion Mobility-Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 1654-1662.	2.8	15
39	Hierarchical Self-Assembly of a Water-Soluble Organoplatinum(II) Metallacycle into Well-Defined Nanostructures. <i>Organic Letters</i> , 2018, 20, 7020-7023.	4.6	13
40	Coordination-Driven Self-Assembly of Fullerene-Functionalized Pt(II) Metallacycles. <i>Organometallics</i> , 2015, 34, 4813-4815.	2.3	12
41	Self-sorting of multicomponent Pt(II) metallacages. <i>Structural Chemistry</i> , 2017, 28, 453-459.	2.0	11
42	A Four-Component Heterometallic Cu-Pt Quadrilateral via Self-Sorting. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2662-2666.	3.3	8
43	Cationic Ti Complexes with Three [N,O]-Type Tetrazolyl Ligands: Ti <sup>IV</sup> Fe Transmetalation within Fe Metallascorpionate Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 14060-14068.	4.0	5